

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	381/110.ccls. and condenser adj3 microphone SAME series SAME capacitor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/03/29 11:12
L2	0	330/110.ccls. and condenser adj3 microphone SAME series SAME capacitor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/03/29 11:12
L3	1	330/277.ccls. and condenser adj3 microphone SAME series SAME capacitor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/03/29 11:12
L4	0	330/311.ccls. and condenser adj3 microphone SAME series SAME capacitor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/03/29 11:13
S1	1	381/113.ccls. and condenser adj3 microphone SAME series SAME capacitor	USPAT	OR	OFF	2006/03/29 11:11
S2	5	381/113.ccls. and microphone SAME series SAME capacitor	USPAT	OR	OFF	2004/10/18 16:43
S3	1	381/113.ccls. and microphone SAME series adj3 capacitor	USPAT	OR	OFF	2004/10/18 16:43
S4	2	381/111.ccls. and microphone SAME series adj3 capacitor	USPAT	OR	OFF	2004/10/18 16:44
S5	3	381/111-113.ccls. and microphone SAME series adj3 capacitor	USPAT	OR	OFF	2004/10/19 10:31
S6	14	381/111-113.ccls. and series adj3 capacitor	USPAT	OR	OFF	2004/10/18 16:45
S7	68	381/111-113.ccls. and microphone SAME capacitor	USPAT	OR	OFF	2004/10/19 10:31
S8	53	381/111-113.ccls. and microphone WITH capacitor	USPAT	OR	OFF	2004/10/19 10:34
S9	18	381/120.ccls. and microphone WITH capacitor	USPAT	OR	OFF	2004/10/19 10:37
S10	4	381/91.ccls. and amplifier WITH capacitor	USPAT	OR	OFF	2004/10/19 10:37
S11	1	"330"/\$.ccls. and condenser adj3 microphone SAME series SAME capacitor	USPAT	OR	OFF	2004/11/04 16:30
S12	2	"330"/\$.ccls. and condenser adj3 microphone SAME capacitor	USPAT	OR	OFF	2004/11/04 16:31
S13	99	"330"/\$.ccls. and microphone SAME capacitor	USPAT	OR	OFF	2004/11/04 16:31
S14	40	"330"/\$.ccls. and amplifier SAME microphone WITH capacitor	USPAT	OR	OFF	2004/11/04 16:31

## EAST Search History

S15	0	"381"/\$.ccls. and monolithic adj3 chip	USPAT	OR	OFF	2004/11/08 10:09
S16	15	"381"/\$.ccls. and monolithic adj3 chip	USPAT	OR	OFF	2005/06/24 15:31
S17	58	381/113.ccls. and (capacitor SAME structure or design or components or parts)	USPAT	OR	OFF	2004/11/08 10:14
S18	20	381/113.ccls. and capacitor SAME (structure or design or components or parts)	USPAT	OR	OFF	2004/11/08 10:18
S19	0	381/113.ccls. and capacitor SAME (polysilicon)	USPAT	OR	OFF	2004/11/08 10:19
S20	8	"381"/\$.ccls. and capacitor SAME (polysilicon)	USPAT	OR	OFF	2004/11/08 10:34
S21	0	"381"/\$.ccls. and capacitor SAME (polysilicon-to-polysilicon)	USPAT	OR	OFF	2004/11/08 10:21
S22	0	"381"/\$.ccls. and capacitor SAME (polysilicon-to-metal)	USPAT	OR	OFF	2004/11/08 10:26
S23	6	capacitor SAME (polysilicon-to-metal)	USPAT	OR	OFF	2004/11/08 10:37
S24	6	capacitor SAME (polysilicon-to-metal)	USPAT	OR	OFF	2004/11/08 10:27
S25	9	"381"/\$.ccls. and capacitor SAME low adj3 leakage	USPAT	OR	OFF	2004/11/08 10:34
S26	0	capacitor SAME (polysilicon-to-metal) SAME low adj3 leakage	USPAT	OR	OFF	2004/11/08 10:37
S27	1	381/120.ccls. and monolithic SAME amplifier SAME (CMOS or JFET or MOSFET)	USPAT	OR	OFF	2004/11/11 12:26
S29	52	"330"/\$.ccls. and monolithic SAME amplifier WITH (CMOS or JFET or MOSFET)	USPAT	OR	OFF	2004/11/11 12:27
S30	24	"257"/\$.ccls. and metal-to-metal adj3 capacitor	USPAT	OR	OFF	2004/11/12 08:54
S31	9	"257"/\$.ccls. and metal-to-polysilicon adj3 capacitor	USPAT	OR	OFF	2004/11/12 09:02
S32	640	"257"/\$.ccls. and leakage adj3 capacitor	USPAT	OR	OFF	2004/11/12 09:11
S33	32	"257"/\$.ccls. and low adj3 leakage adj3 capacitor	USPAT	OR	OFF	2004/11/12 09:12
S34	0	"257"/\$.ccls. and low adj3 leakage adj3 capacitor SAME metal-to-polysilicon	USPAT	OR	OFF	2004/11/12 09:13

## EAST Search History

S35	32	"257"/\$.ccls. and low adj3 leakage adj3 capacitor	USPAT	OR	OFF	2004/11/12 09:24
S36	5	"381"/\$.ccls. and low adj3 leakage adj3 capacitor	USPAT	OR	OFF	2004/11/12 11:07
S37	1	381/113.ccls. and silicon adj3 condenser adj3 microphone	USPAT	OR	OFF	2004/11/12 09:42
S38	0	381/111.ccls. and silicon adj3 condenser adj3 microphone	USPAT	OR	OFF	2004/11/12 09:43
S39	10	"381"/\$.ccls. and silicon adj3 condenser adj3 microphone	USPAT	OR	OFF	2004/11/12 10:02
S40	0	"381"/\$.ccls. and capacitor SAME floating adj3 plate	USPAT	OR	OFF	2004/11/12 10:03
S41	38	"257"/\$.ccls. and capacitor SAME floating adj3 plate	USPAT	OR	OFF	2004/11/12 10:03
S42	1	381/12.ccls. and impedance SAME diodes	USPAT	OR	OFF	2004/11/12 11:08
S43	3	381/120.ccls. and impedance SAME diodes WITH amplifier	USPAT	OR	OFF	2004/11/12 13:04
S44	1	("5291557").PN.	USPAT	OR	OFF	2004/11/12 13:05
S45	0	333/124.ccls. and microphone SAME impedance SAME match\$3	USPAT	OR	OFF	2005/04/18 13:06
S46	89	333/124.ccls. and impedance SAME match\$3	USPAT	OR	OFF	2005/04/18 13:07
S47	86	333/124.ccls. and impedance WITH match\$3	USPAT	OR	OFF	2005/04/18 13:07
S48	0	333/124.ccls. and impedance WITH match\$3 SAME diodes SAME capacitor	USPAT	OR	OFF	2005/04/18 13:08
S49	4	333/17.3.ccls. and impedance WITH match\$3 SAME diodes SAME capacitor	USPAT	OR	OFF	2005/04/18 13:09
S50	0	333/17.3.ccls. and impedance SAME match\$3 SAME diodes SAME capacitor SAME amplifier	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/18 13:09
S51	1	333/124.ccls. and impedance SAME match\$3 SAME diodes SAME capacitor SAME amplifier	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/18 13:10
S52	2	333/32.ccls. and impedance SAME match\$3 SAME diodes SAME capacitor SAME amplifier	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/18 13:10
S53	0	330/251.ccls. and impedance SAME match\$3 SAME diodes SAME capacitor SAME amplifier	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/18 13:10

## EAST Search History

S54	0	330/207A.ccls. and impedance SAME match\$3 SAME diodes SAME capacitor SAME amplifier	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/18 13:10
S55	0	330/10.ccls. and impedance SAME match\$3 SAME diodes SAME capacitor SAME amplifier	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/18 13:10
S57	27	330/10.ccls. and impedance WITH match\$3 WITH amplifier	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/18 13:13
S58	0	330/10.ccls. and impedance WITH match\$3 WITH amplifier SAME microphone	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/18 13:13
S59	8	"330"/\$.ccls. and impedance WITH match\$3 WITH amplifier SAME microphone	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/18 13:16
S60	6	381/111-115.ccls. and impedance WITH match\$3 WITH amplifier SAME microphone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/18 13:18
S61	29	381/111-115.ccls. and impedance WITH amplifier SAME microphone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/18 13:22
S62	22	381/120.ccls. and impedance WITH amplifier SAME microphone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/18 13:25
S63	1	381/91.ccls. and impedance WITH amplifier SAME microphone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/18 13:43
S64	77	381/111-113.ccls. and impedance SAME microphone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/18 14:54
S65	0	381/111-113.ccls. and impedance SAME Gigaohms SAME microphone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/18 15:06
S66	1	381/111-113.ccls. and impedance SAME Gigaohms	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/18 14:55
S67	1	"381"/\$.ccls. and impedance SAME Gigaohms	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/18 14:55

## EAST Search History

S68	3	"381"/\$.ccls. and impedance SAME Giga adj3 ohms	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/18 15:03
S69	0	333/71.3.ccls. and impedance SAME Giga adj3 ohms	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/18 14:58
S70	0	333/17.3.ccls. and impedance SAME Giga adj3 ohms	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/18 14:58
S71	0	333/32.ccls. and impedance SAME Giga adj3 ohms	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/18 14:58
S72	0	"333"/\$.ccls. and impedance SAME Giga adj3 ohms	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/18 14:58
S73	0	"330"/\$.ccls. and impedance SAME Giga adj3 ohms SAME amplifier SAME microphone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/18 15:05
S74	3	"330"/\$.ccls. and impedance SAME Giga adj3 ohms SAME amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/18 15:05
S75	0	381/111-113.ccls. and impedance SAME Gigaohms SAME transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/18 15:07
S76	0	381/113.ccls. and Sun.In.	USPAT	OR	OFF	2005/06/24 15:22
S77	7	"381"/\$.ccls. and Sun.In.	USPAT	OR	OFF	2005/06/24 15:22
S78	37	330/10.ccls. and impedance SAME match\$3 SAME amplifier	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/24 15:27
S79	86	"330"/\$.ccls. and monolithic SAME amplifier SAME (CMOS or JFET or MOSFET)	USPAT	OR	OFF	2005/06/24 15:29
S80	125	Sun.IN. and capacitor SAME semiconductor	USPAT	OR	OFF	2005/06/24 15:31
S81	96	Sun.IN. and capacitor WITH semiconductor	USPAT	OR	OFF	2005/06/24 15:32
S82	5	Sun.IN. and capacitor WITH semiconductor SAME leakage	USPAT	OR	OFF	2005/06/24 16:35

## EAST Search History

S83	8	"381"/\$.ccls. and allred.in.	US-PGPUB; USPAT	OR	OFF	2005/06/24 16:35
S84	0	381/113.ccls. and "5589799"	USPAT	OR	OFF	2005/10/04 14:45
S85	7	"5589799"	USPAT	OR	OFF	2005/10/04 14:57
S86	2	"5589799" and leakage	USPAT	OR	OFF	2005/10/04 15:25
S87	6	"3595998"	USPAT	OR	OFF	2005/10/04 15:26
S88	118	381/120.ccls. and (amplifi\$5 or pre-amplifi\$5) SAME microphone	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/04 15:55
S89	17	381/120.ccls. and (amplifi\$5 or pre-amplifi\$5) WITH microphone SAME capacitor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/04 15:59
S90	0	381/113.ccls. and (amplifi\$5 or pre-amplifi\$5) WITH microphone SAME capacitor SAME leakage	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/04 15:59
S91	0	381/113.ccls. and (amplifi\$5 or pre-amplifi\$5) WITH capacitor SAME leakage	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/04 15:59
S92	2	381/113.ccls. and capacitor SAME leakage	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/04 16:01
S93	3	381/113.ccls. and capacitor SAME leak\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/04 16:01
S94	12	381/113.ccls. and capacitor SAME block\$5	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/04 16:11
S95	151	330/277.ccls. and capacitor SAME block\$5	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/04 16:12
S96	5	330/277.ccls. and capacitor SAME block\$5 SAME leakage	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/04 16:17
S97	0	330/277.ccls. and capacitor SAME block\$5 SAME leakage SAME diodes	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/04 16:18
S98	645	330/277.ccls. and impedance	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/04 16:20
S99	7	330/277.ccls. and impedance same leakage SAME capacitor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/04 16:22
S100	27	381/120.ccls. and capacitor SAME diodes	USPAT	OR	OFF	2005/10/13 10:48

## EAST Search History

S10 1	0	381/120.ccls. and capacitor SAME PN adj3 junction adj3 diodes	USPAT	OR	OFF	2005/10/13 10:49
S10 2	0	381/120.ccls. and PN adj3 junction adj3 diodes	USPAT	OR	OFF	2005/10/13 10:49
S10 3	144746	"330"/\$.ccls. and capacitor SAME (amplif\$3 or preamplif\$3) diodes	USPAT	OR	OFF	2005/10/13 10:50
S10 4	654	"330"/\$.ccls. and capacitor SAME (amplif\$3 or preamplif\$3) SAME diodes	USPAT	OR	OFF	2005/10/13 10:50
S10 5	18	"330"/69.ccls. and capacitor SAME (amplif\$3 or preamplif\$3) SAME diodes	USPAT	OR	OFF	2005/10/13 10:52
S10 6	32	330/110.ccls. and capacitor SAME (amplif\$3 or preamplif\$3) SAME diodes	USPAT	OR	OFF	2005/10/13 10:54
S10 7	10	330/311.ccls. and capacitor SAME (amplif\$3 or preamplif\$3) SAME diodes	USPAT	OR	OFF	2005/10/13 10:55
S10 8	7	"5589799"	USPAT	OR	OFF	2005/10/13 11:11
S10 9	23	330/277.ccls. and capacitor SAME leakage	USPAT	OR	OFF	2005/10/13 11:15
S11 0	45	330/277.ccls. and impedance SAME diodes	USPAT	OR	OFF	2005/10/13 11:23
S11 1	20	330/69.ccls. and impedance SAME diodes	USPAT	OR	OFF	2005/10/13 11:24
S11 2	37	330/110.ccls. and impedance SAME diodes	USPAT	OR	OFF	2005/10/13 11:25
S11 3	19	330/311.ccls. and impedance SAME diodes	USPAT	OR	OFF	2005/10/13 11:27
S11 4	14	381/111-115.ccls. and impedance SAME diodes	USPAT	OR	OFF	2005/10/13 11:35
S11 5	12	381/120.ccls. and impedance SAME diodes	USPAT	OR	OFF	2005/10/13 11:46
S11 6	7	381/120.ccls. and capacitor SAME leakage	USPAT	OR	OFF	2005/10/13 11:49
S11 7	7	381/111-115.ccls. and capacitor SAME leakage	US-PGPUB; USPAT	OR	OFF	2005/10/13 11:54
S11 8	173	381/111-115.ccls. and capacitor	US-PGPUB; USPAT	OR	OFF	2005/10/13 11:54
S11 9	12	381/111-115.ccls. and capacitor and leakage	USPAT; EPO; JPO	OR	OFF	2005/10/13 11:57
S12 0	60	381/113.ccls. and capacitor	USPAT; EPO; JPO	OR	OFF	2005/10/13 12:06



## EAST Search History

S12 1	11	381/113.ccls. and capacitor SAME block\$3	USPAT; EPO; JPO	OR	OFF	2005/10/13 12:13
S12 2	6	381/111-113.ccls. and capacitor SAME block\$3 SAME amplif\$3 SAME microphone	USPAT; EPO; JPO	OR	OFF	2005/10/13 12:14
S12 3	3	381/113.ccls. and "5577129"	USPAT	OR	OFF	2006/03/29 10:36
S12 4	133	381/113.ccls. andstenberg.in.	USPAT	OR	OFF	2006/03/29 10:36
S12 5	1	381/113.ccls. and stenberg.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 10:37
S12 6	3	381/111.ccls. and stenberg.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 10:38
S12 7	1	381/112-115.ccls. and stenberg.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 10:40
S12 8	1	381/120.ccls. and stenberg.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 10:40
S12 9	0	330/251.ccls. and stenberg.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 10:40
S13 0	1	330/250.ccls. and stenberg.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 10:40
S13 1	0	330/207.ccls. and stenberg.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 10:40
S13 2	0	330/10.ccls. and stenberg.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 10:41



## EAST Search History

S13 3	9	381/111-115.ccls. and microphone SAME capacitor SAME diodes	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 10:42
S13 4	3	381/120.ccls. and microphone SAME capacitor SAME diodes	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 10:42
S13 5	0	381/251.ccls. and microphone SAME capacitor SAME diodes	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 10:42
S13 6	0	381/10.ccls. and microphone SAME capacitor SAME diodes	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 10:42